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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Kiy, T.

Serial No.: 09/508,977

Filed: March 17, 2000

For: **Fermentation Process with Continuous**
Mass Cultivation of Ciliates (Protozoa) for
Producing Biogenous Valuable Substances



Examiner: Marx, I.

Art Unit: 1651

Docket No.: 1997/F-237

RESPONSE TO OFFICE ACTION

This paper is in response to the Office Action dated July 2, 2001.

AMENDMENTS

Amendments to the Claims

Please cancel claims 1-14.

Please add the following new claims 15-27:

15. A continuous fermentation process for producing a biogenous substance from ciliates, comprising:

- B1
but D1
- (i) continuously cultivating ciliates in a volume of complex axenic culture medium to produce a biomass of ciliate cells containing a biogenous substance, said biogenous substance being the biomass itself or a substance extracted from the biomass;
 - (ii) harvesting the produced biomass at an extraction rate of about 0.1 to about 12 volumes per day; and